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| **INNOVATION VOUCHERS INITIATIVE****Atlantic Technological University (ATU) Donegal****DIRECTORY OF SKILLS AND EXPERTISE** |  |

**University Contact Point for Innovation Voucher Enquires:**

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| **Department/Unit** | **Specific services offered** | **Contact Name** | **Address** | **Telephone** | **E-Mail address** |
| **WiSAR Technology Gateway** | * Antenna design and test
* Battery powered electronic product design and prototyping
* Communication networks
* Dashboards
* Database and backend development
* Embedded systems/ firmware
* EMC design
* EMI measurements
* Intelligent Sensing
* Internet of Things
* Positioning systems
* Renewable energy systems
* RF design and test
* Sensor applications
* UX design and Front-end development
* Wearable technologies for connected heath and sports
* Wireless networks
 | Dr Stephen Seawright | Port Rd, Letterkenny, Co. Donegal, IrelandF92 FC93 |  | Stephen.seawright@atu.ie |
| **Dept of Computing** | * API integration
* AR/VR
* Artificial Intelligence
* Blockchain
* Cloud Computing
* Computer vision
* Context aware systems
* Cryptography
* Cyber security
* Data Analytics
* Deep learning
* Devops
* Digital twins
* Edge computing
* Game theory
* High Performance Computing
* Machine Learning
* Mobile applications
* 3D Animation
* Social media influencing
* Cyberpsychology
 | Jade Lyons | Port Rd, Letterkenny, Co. Donegal, IrelandF92 FC93 |  | Jade.Lyons@atu.ie |
| **Dept of Electronic & Mechanical Engineering** | * 3D Printing
* Applied mathmatics
* AutoCAD
* Design for manufacture
* Design optimization
* Electric Vehicle technology
* Mechanical prototype design and manufacture
* Multi-dimensional 3D product scanning
* PLC control
* Project management and lean for manufacturing
* Robotics an automation
* Solidworks
* Statistical Process Modelling
 | Dr Emmett Kerr | Port Rd, Letterkenny, Co. Donegal, IrelandF92 FC93 |  | Emmett.Kerr@atu.ie |
| **Dept of Civil & Construction Engineering** | * 3D Printing
* BIM
* Digital twins
* Fire safety
* Project management and lean for construction.
* Thermodynamics
 | Anne Bonnar | Port Rd, Letterkenny, Co. Donegal, IrelandF92 FC93 |  | Anne.Boner@atu.ie |  |  |  |  |  |